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Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: Tue Oct 30 12:16:48 EDT 2007

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Application No: 10687799 Version No: 2.0

Input Set:

Output Set:

Started: 2007-10-09 15:08:01.476
Finished: 2007-10-09 15:08:03.394
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 918 ms
Total Warnings: 61
Total Errors: 0
No. of SeqIDs Defined: 95
Actual SeqID Count: 95

Error code	Error Description
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W 213	Artificial or Unknown found in <213> in SEQ ID (32)
W 213	Artificial or Unknown found in <213> in SEQ ID (33)
W 213	Artificial or Unknown found in <213> in SEQ ID (34)
W 213	Artificial or Unknown found in <213> in SEQ ID (35)
W 213	Artificial or Unknown found in <213> in SEQ ID (36)
W 213	Artificial or Unknown found in <213> in SEQ ID (37)
W 213	Artificial or Unknown found in <213> in SEQ ID (38)
W 213	Artificial or Unknown found in <213> in SEQ ID (39)
W 213	Artificial or Unknown found in <213> in SEQ ID (40)
W 213	Artificial or Unknown found in <213> in SEQ ID (41)
W 213	Artificial or Unknown found in <213> in SEQ ID (42)
W 213	Artificial or Unknown found in <213> in SEQ ID (43)
W 213	Artificial or Unknown found in <213> in SEQ ID (44)
W 213	Artificial or Unknown found in <213> in SEQ ID (45)
W 213	Artificial or Unknown found in <213> in SEQ ID (46)
W 213	Artificial or Unknown found in <213> in SEQ ID (47)
W 213	Artificial or Unknown found in <213> in SEQ ID (48)
W 213	Artificial or Unknown found in <213> in SEQ ID (49)
W 213	Artificial or Unknown found in <213> in SEQ ID (50)

Input Set:

Output Set:

Started: 2007-10-09 15:08:01.476
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Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 918 ms
Total Warnings: 61
Total Errors: 0
No. of SeqIDs Defined: 95
Actual SeqID Count: 95

Error code

Error Description

This error has occurred more than 20 times, will not be displayed

SEQUENCE LISTING

<110> Teeling, Jessica
 Ruuls, Sigrid
 Glennie, Martin
 van de Winkel, Jan G.J.
 Parren, Paul
 Petersen, Jorgen
 Baadsgaard, D.M.Sc., Ole
 Huang, Haichun

<120> HUMAN MONOCLONAL ANTIBODIES AGAINST CD20

<130> 4086.1000-002

<140> 10687799

<141> 2003-10-17

<150> 60/419,163

<151> 2002-10-17

<150> 60/460,028

<151> 2003-04-02

<160> 95

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<212> DNA

<213> Homo sapiens

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tgtgcagcct ctggattcac ctttaatgat tatgccatgc actgggtccg gcaagctcca 180
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gactctgtga agggccgatt caccatctcc agagacaacg ccaagaagtc cctgtatctg 300
caaatgaaca gtctgagagc tgaggacacg gccttgatt actgtgcaaa agatatacag 360
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<211> 141

<212> PRT

<213> Homo sapiens

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      20           25           30
Pro Gly Arg Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe
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35	40	45
Asn Asp Tyr Ala Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu		
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65	70	75
Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Lys		
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 <213> Homo sapiens

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 ctctcctgca gggccagtca gagtgtttag agctacttag cctggtacca acagaaacct 180
 ggccaggctc ccaggctcct catctatgat gcatccaaca gggccactgg catcccagcc 240
 aggttcagtg gcagtgggtc tgggacagac ttcactctca ccatcagcag cctagagcct 300
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Leu Ser Pro Gly Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser
35 40 45
Val Ser Ser Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro
50 55 60
Arg Leu Leu Ile Tyr Asp Ala Ser Asn Arg Ala Thr Gly Ile Pro Ala
65 70 75 80
Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser
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caaatgaaca gtctgagagc tgaggacacg gccttgtatt actgtgcaaa agatatacag 360
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tcag 424

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<213> Homo sapiens

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Pro Asp Arg Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe
35 40 45
His Asp Tyr Ala Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu
50 55 60
Glu Trp Val Ser Thr Ile Ser Trp Asn Ser Gly Thr Ile Gly Tyr Ala
65 70 75 80
Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn
85 90 95
Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Leu
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aggttcagtg gcagtgggtc tgggacagac ttcactctca ccatcagcag cctagagcct 300
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<212> PRT
<213> Homo sapiens

<400> 8

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			20					25					30		
Leu	Ser	Pro	Gly	Glu	Arg	Ala	Thr	Leu	Ser	Cys	Arg	Ala	Ser	Gln	Ser
		35					40					45			
Val	Ser	Ser	Tyr	Leu	Ala	Trp	Tyr	Gln	Gln	Lys	Pro	Gly	Gln	Ala	Pro
	50					55					60				
Arg	Leu	Leu	Ile	Tyr	Asp	Ala	Ser	Asn	Arg	Ala	Thr	Gly	Ile	Pro	Ala
65					70				75					80	
Arg	Phe	Ser	Gly	Ser	Gly	Ser	Gly	Thr	Asp	Phe	Thr	Leu	Thr	Ile	Ser
			85					90						95	
Ser	Leu	Glu	Pro	Glu	Asp	Phe	Ala	Val	Tyr	Tyr	Cys	Gln	Gln	Arg	Ser
			100					105					110		
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		115					120						125		

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 <212> DNA
 <213> Homo sapiens

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 tgtacaggct ctggattcac cttcagttac catgctatgc attgggttcg ccaggctcca 180
 ggaaaaggtc tggaatgggt atcaattatt gggactgggt gtgtcacata ctatgcagac 240
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 <212> PRT
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			20					25					30		
Pro	Gly	Gly	Ser	Leu	Arg	Leu	Ser	Cys	Thr	Gly	Ser	Gly	Phe	Thr	Phe
		35					40					45			
Ser	Tyr	His	Ala	Met	His	Trp	Val	Arg	Gln	Ala	Pro	Gly	Lys	Gly	Leu
	50					55					60				
Glu	Trp	Val	Ser	Ile	Ile	Gly	Thr	Gly	Gly	Val	Thr	Tyr	Tyr	Ala	Asp
65					70				75					80	
Ser	Val	Lys	Gly	Arg	Phe	Thr	Ile	Ser	Arg	Asp	Asn	Val	Lys	Asn	Ser
			85					90						95	
Leu	Tyr	Leu	Gln	Met	Asn	Ser	Leu	Arg	Ala	Glu	Asp	Met	Ala	Val	Tyr
			100					105					110		
Tyr	Cys	Ala	Arg	Asp	Tyr	Tyr	Gly	Ala	Gly	Ser	Phe	Tyr	Asp	Gly	Leu
		115					120						125		
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<212> DNA
<213> Homo sapiens

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35 40 45
Val Ser Ser Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro
50 55 60
Arg Leu Leu Ile Tyr Asp Ala Ser Asn Arg Ala Thr Gly Ile Pro Ala
65 70 75 80
Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser
85 90 95
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Asp Trp Pro Leu Thr Phe Gly Gly Gly Thr Lys Val Glu Ile Lys
115 120 125

<210> 13
<211> 6
<212> PRT
<213> Homo sapiens

<400> 13
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<210> 14
<211> 17
<212> PRT
<213> Homo sapiens

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<210> 16
<211> 11
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Arg Ala Ser Gln Ser Val Ser Ser Tyr Leu Ala
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<210> 17
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<212> PRT
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<210> 20
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<212> PRT

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Thr Ile Ser Trp Asn Ser Gly Thr Ile Gly Tyr Ala Asp Ser Val Lys
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<210> 21

<211> 13

<212> PRT

<213> Homo sapiens

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<210> 22

<211> 11

<212> PRT

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<210> 24

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<212> PRT

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<211> 16

<212> PRT

<213> Homo sapiens

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<210> 27

<211> 17

<212> PRT

<213> Homo sapiens

<400> 27

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<210> 28

<211> 11

<212> PRT

<213> Homo sapiens

<400> 28

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<210> 29

<211> 7

<212> PRT

<213> Homo sapiens

<400> 29

Asp Ala Ser Asn Arg Ala Thr
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<210> 30

<211> 9

<212> PRT

<213> Homo sapiens

<400> 30

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<211> 32

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 <400> 32
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<211> 20

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<210> 45

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